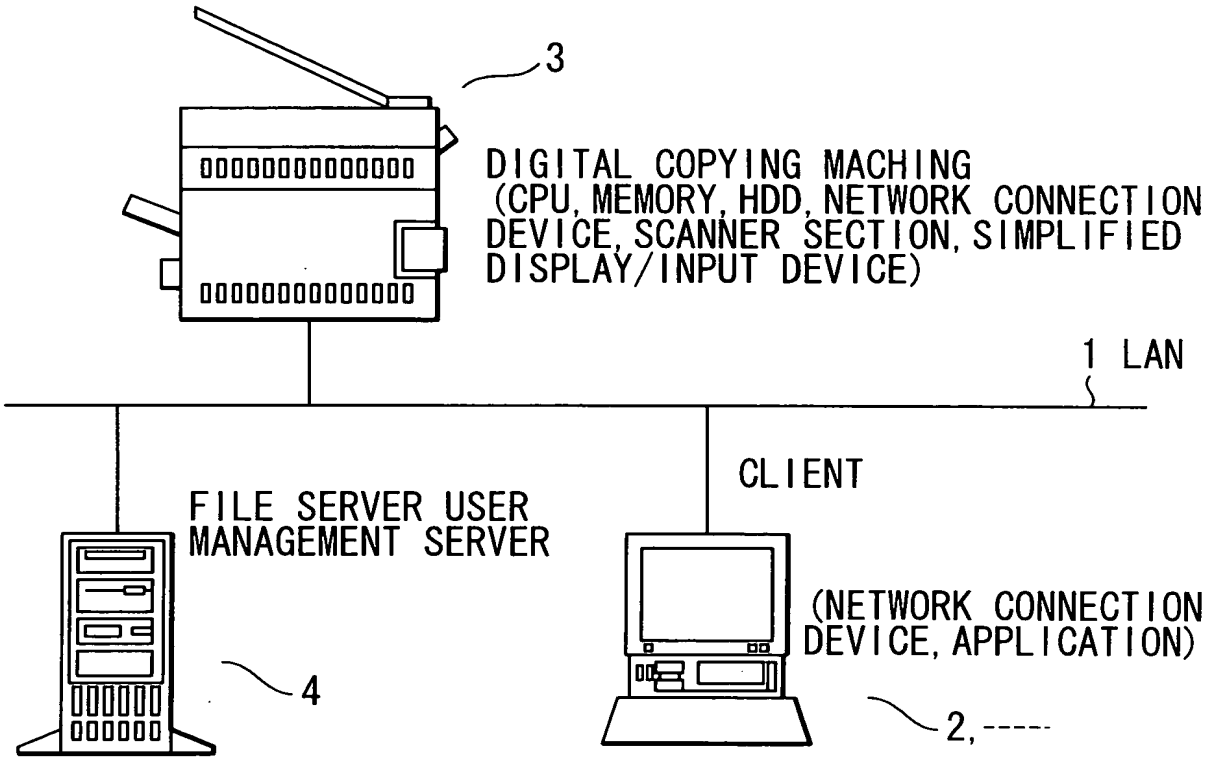
3
DIGITAL COPYING MACHING
(CPU, MEMORY, HDD, NETWORK CONNECTION
DEVICE, SCANNER SECTION, SIMPLIFIED
DISPLAY/INPUT DEVICE)
1 LAN
CLIENT
FILE SERVER USER
MANAGEMENT SERVER
(NETWORK CONNECTION
DEVICE, APPLICATION)
4
2,-----

FIG. 1

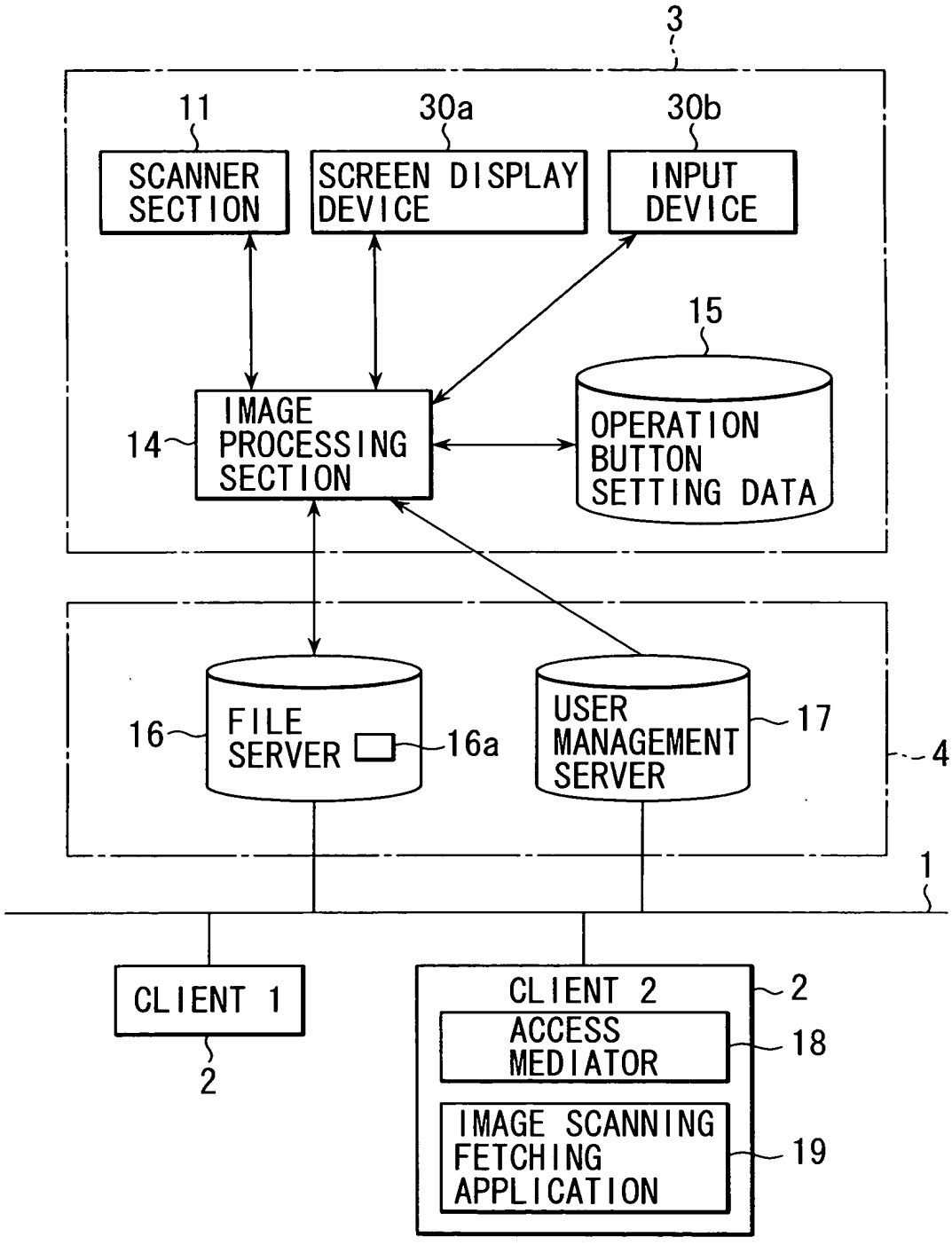
3
11
30a
30b
SCANNER SECTION
SCREEN DISPLAY DEVICE
INPUT DEVICE
15
14
IMAGE PROCESSING SECTION
OPERATION BUTTON SETTING DATA
16
FILE SERVER
16a
USER MANAGEMENT SERVER
17
4
1
CLIENT 1
2
CLIENT 2
2
ACCESS MEDIATOR
18
IMAGE SCANNING FETCHING APPLICATION
19

FIG. 2

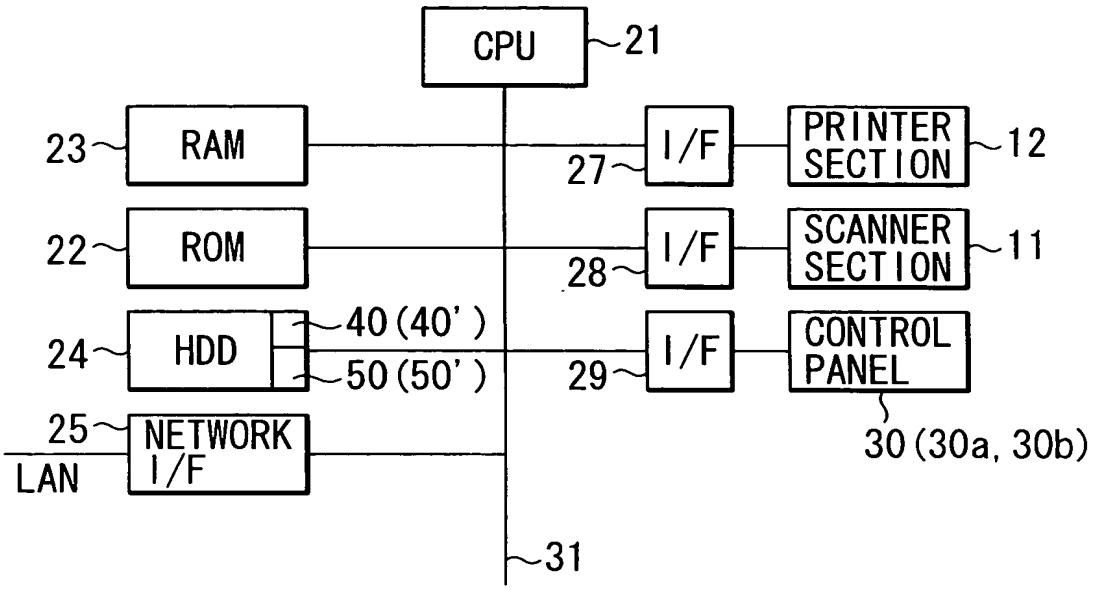

FIG. 3

41 SCREEN ID	42 SCREEN NAME	43 CREATOR	44 PASSWORD NUMBER
1	FOR BUSINESS DEPARTMENT IMAGE FETCHING	TAKAHASHI	1234
2	FOR SCRAP STORAGE	YOSHIDA	9474
3	FOR DEVELOPMENT GROUP	MIKI	8147
⋮	⋮	⋮	⋮

40

FIG. 4

51 BUTTON ID	52 ALLOTMENT DESTINATION SCREEN ID	53 BUTTON NAME	54 CREATOR	55 PROCESSING CONTENTS	56 PROCESS PARAMETER	57 FETCH PARAMETER	58 PASSWORD NUMBER
1	1	CATALOGUE FETCHING	TAKAHASHI	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	5678
2	1	NOTICE-OF -VACATION FETCHING	YOSHIDA	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	4353
3	1	BUSINESS CONFERENCE PROCEEDINGS FETCHING	YOSHIDA	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	6435
4	2	NEW PRODUCT CATALOGUE FETCHING	MIKI	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	6522
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

~50

FIG. 5

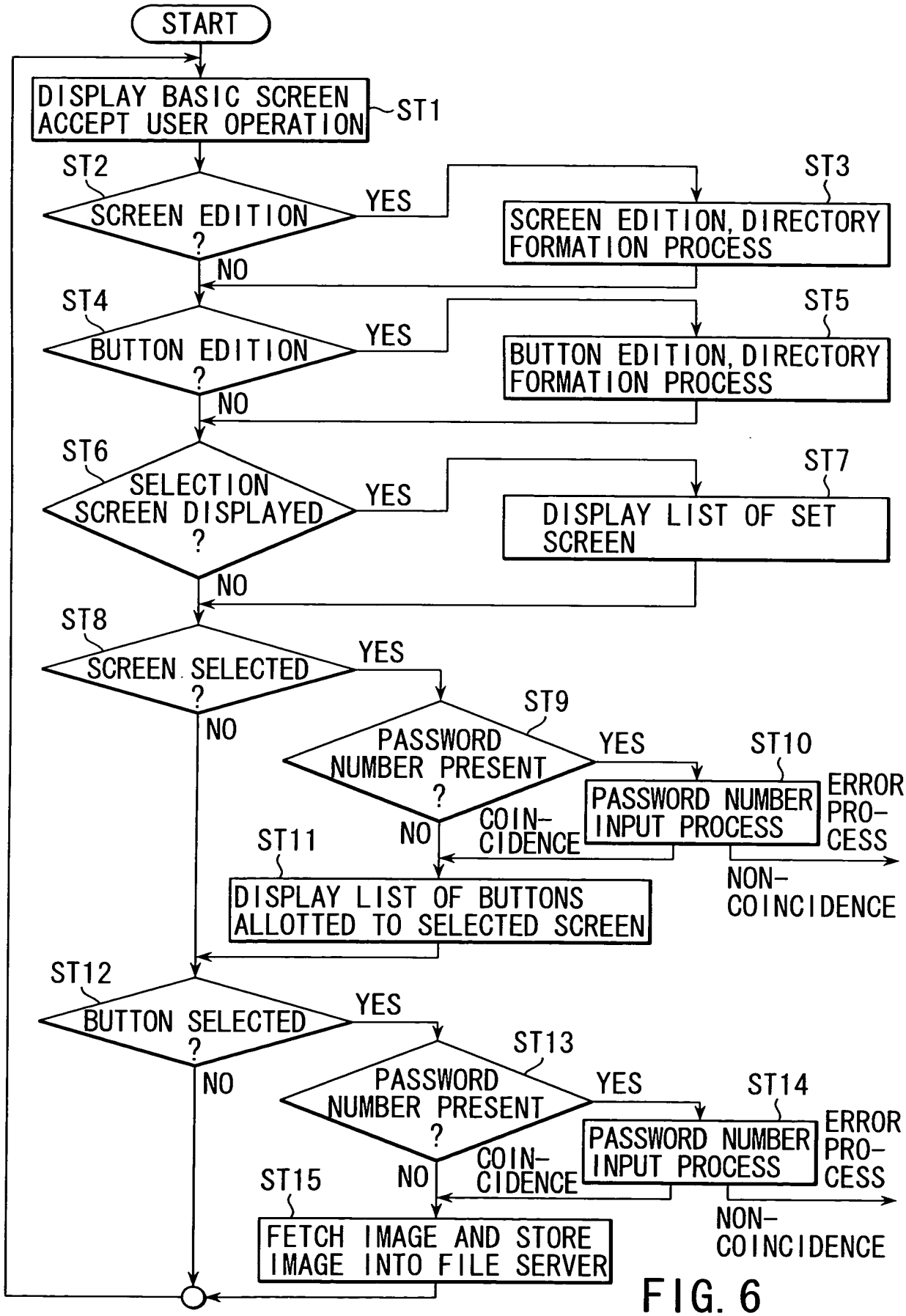
START
DISPLAY BASIC SCREEN ACCEPT USER OPERATION
ST1
ST2
SCREEN EDITION ?
YES
ST3
SCREEN EDITION, DIRECTORY FORMATION PROCESS
NO
ST4
BUTTON EDITION ?
YES
ST5
BUTTON EDITION, DIRECTORY FORMATION PROCESS
NO
ST6
SELECTION SCREEN DISPLAYED ?
YES
ST7
DISPLAY LIST OF SET SCREEN
NO
ST8
SCREEN SELECTED ?
YES
NO
ST9
PASSWORD NUMBER PRESENT ?
YES
ST10
PASSWORD NUMBER INPUT PROCESS
ERROR PRO-CESS
NO
COIN-CIDENCE
NON-COINCIDENCE
ST11
DISPLAY LIST OF BUTTONS ALLOTTED TO SELECTED SCREEN
ST12
BUTTON SELECTED ?
YES
NO
ST13
PASSWORD NUMBER PRESENT ?
YES
ST14
PASSWORD NUMBER INPUT PROCESS
ERROR PRO-CESS
NO
COIN-CIDENCE
NON-COINCIDENCE
ST15
FETCH IMAGE AND STORE IMAGE INTO FILE SERVER

FIG. 6

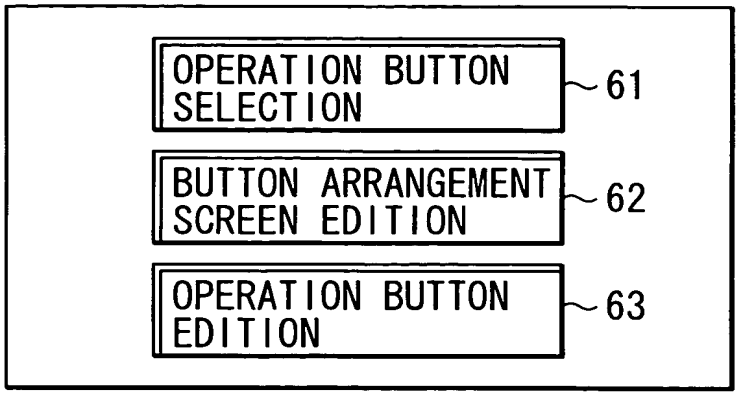

FIG. 7

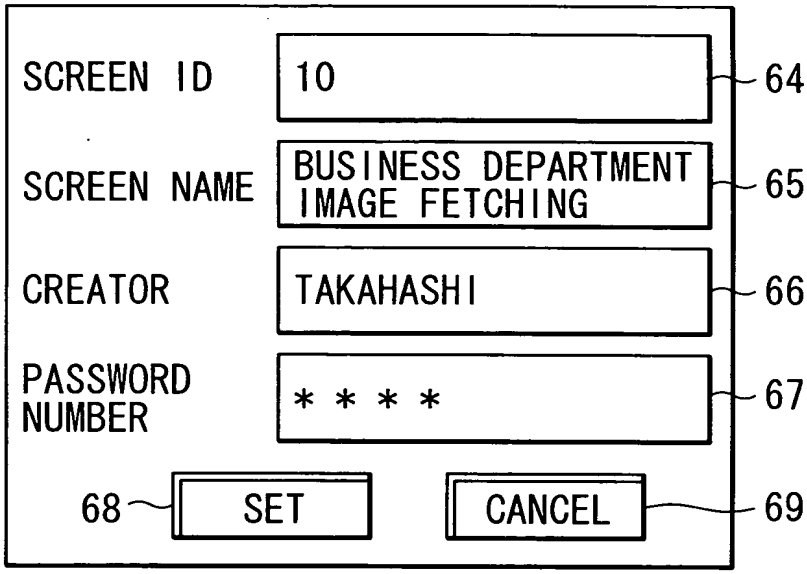

FIG. 8

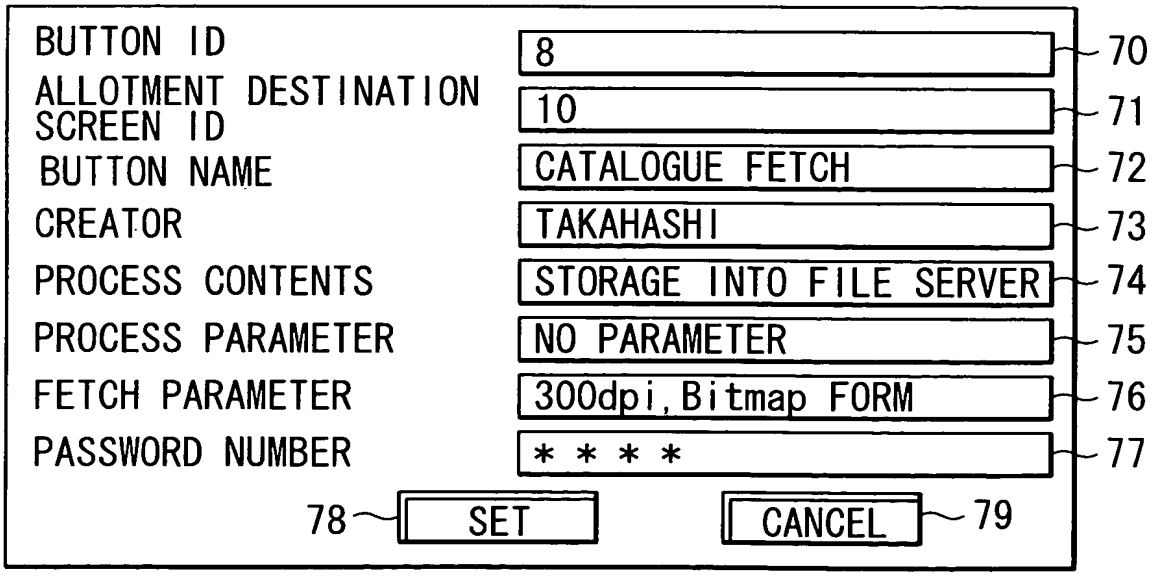

FIG. 9

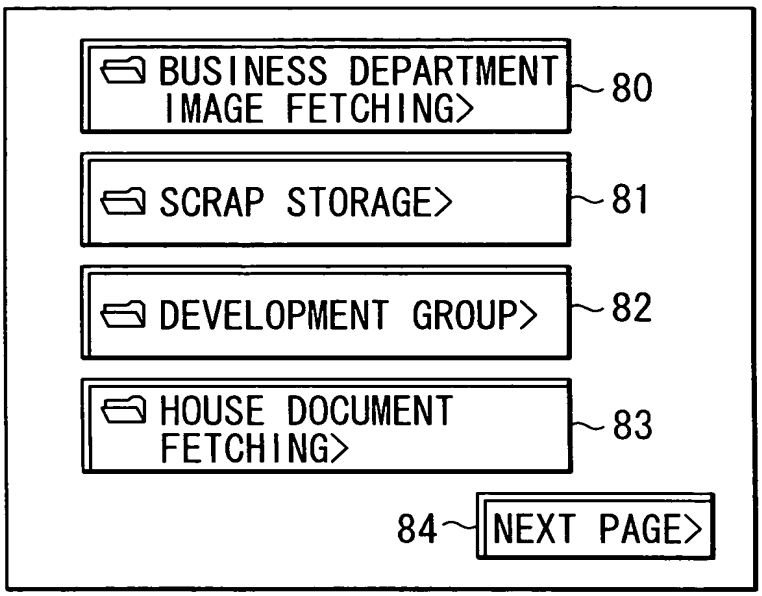

FIG. 10

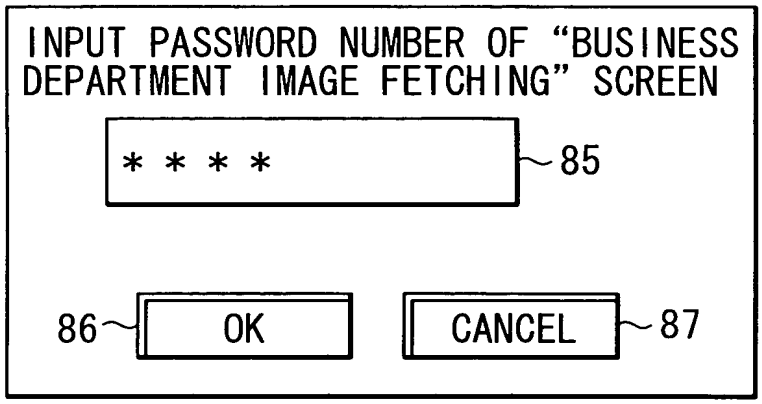

FIG. 11

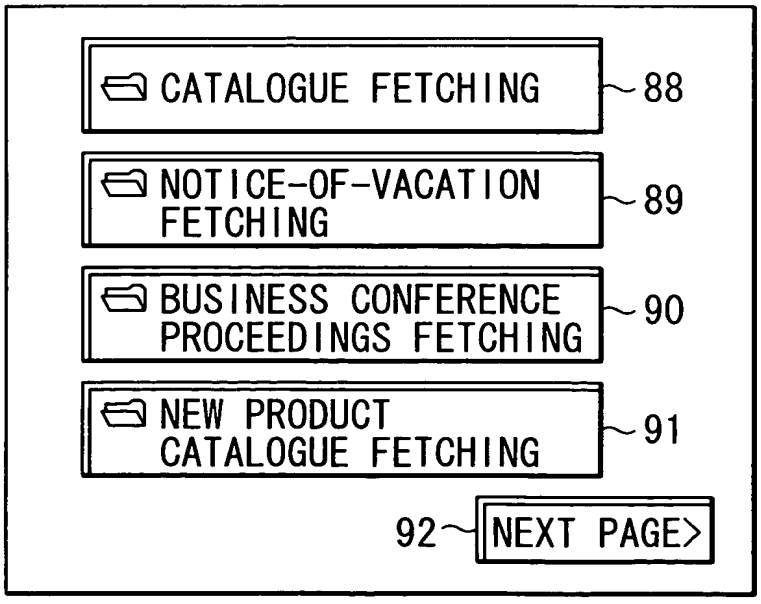

FIG. 12

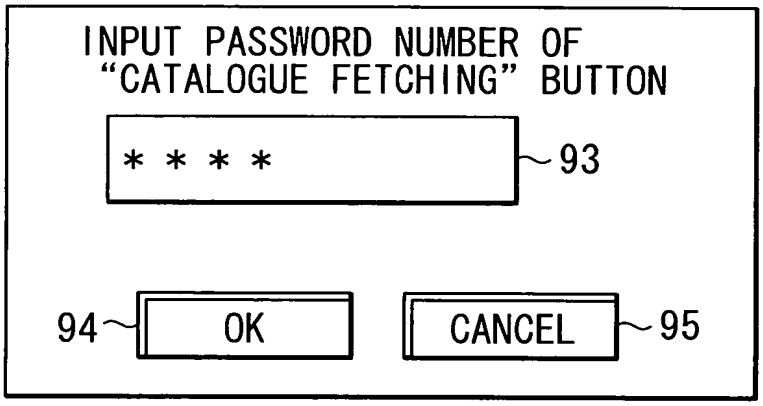
INPUT PASSWORD NUMBER OF
"CATALOGUE FETCHING" BUTTON
* * * *
93
94
OK
CANCEL
95

FIG. 13

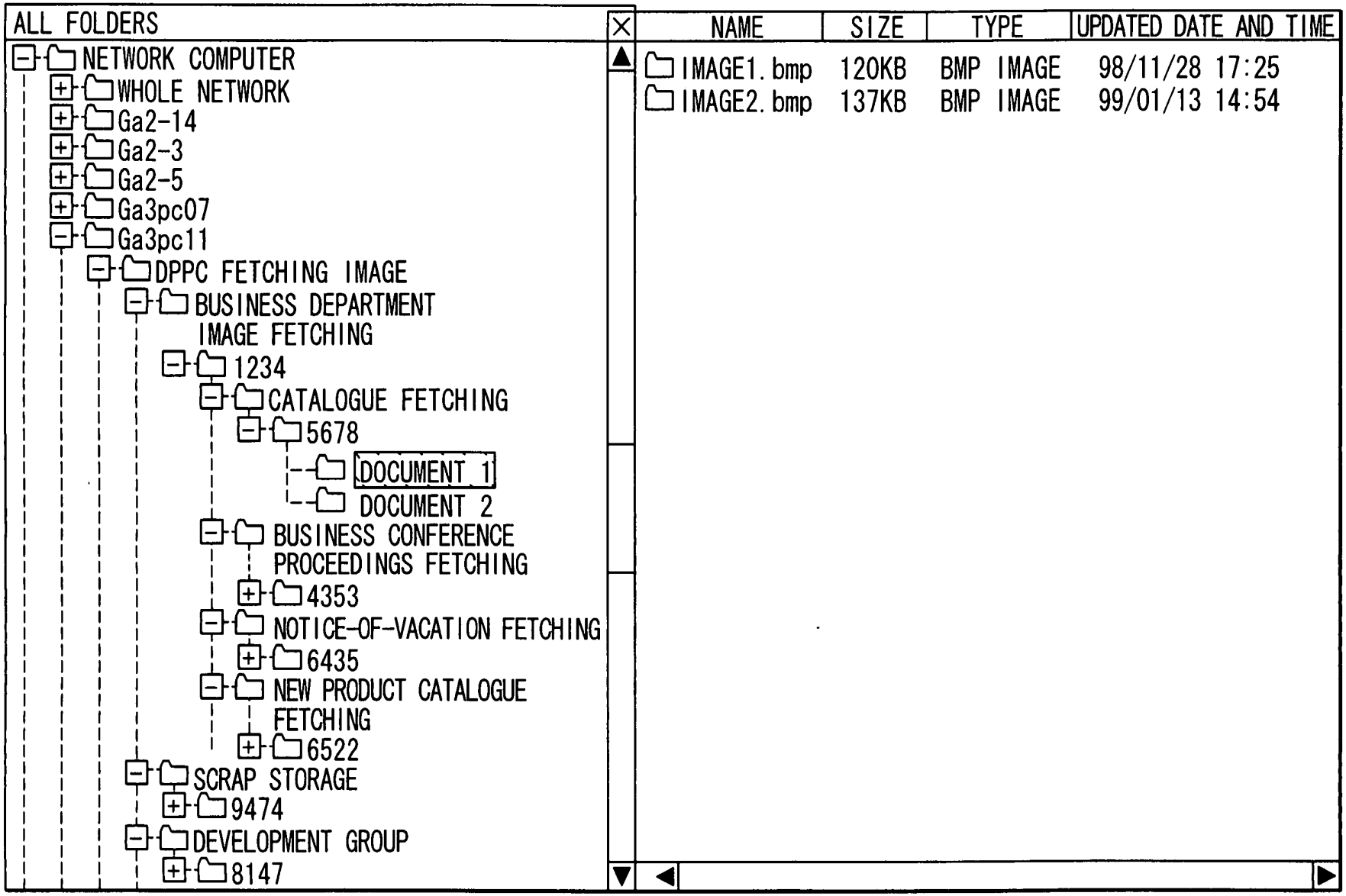
ALL FOLDERS
NETWORK COMPUTER
WHOLE NETWORK
Ga2-14
Ga2-3
Ga2-5
Ga3pc07
Ga3pc11
DPPC FETCHING IMAGE
BUSINESS DEPARTMENT IMAGE FETCHING
1234
CATALOGUE FETCHING
5678
DOCUMENT 1
DOCUMENT 2
BUSINESS CONFERENCE PROCEEDINGS FETCHING
4353
NOTICE-OF-VACATION FETCHING
6435
NEW PRODUCT CATALOGUE FETCHING
6522
SCRAP STORAGE
9474
DEVELOPMENT GROUP
8147
NAME
SIZE
TYPE
UPDATED DATE AND TIME
IMAGE1.bmp 120KB BMP IMAGE 98/11/28 17:25
IMAGE2.bmp 137KB BMP IMAGE 99/01/13 14:54

FIG. 14

```
H:¥>dir
     NO VOLUME LABEL OF DRIVE H
     VOLUME SERIAL NUMBER IS 80EA-369F
     H:DIRECTORY OF ¥
  99/06/02  11:47   <DIR>
  99/06/02  11:47   <DIR>
  99/06/02  12:01   <DIR>  SCRAP STORAGE
  99/06/02  12:01   <DIR>  BUSINESS DEPARTMENT IMAGE FETLHING
  99/06/02  11:47   <DIR>  DEVELOPMENT GROUP
              FIVE FILES        0 BYTE
                      SPACE AREA OF 701,034,496 BYTES
H:¥>dir FOR BUSINESS DEPARTMENT IMAGE FETCHING
     NO VOLUME LABEL OF DRIVE H
     VOLUME SERIAL NUMBER IS 80EA-369F
     H:¥BUSINESS DEPARTMENT IMAGE FETCHING DIRECTORY
 NO FILE IS FOUND
H:¥>dir FOR BUSINESS DEPARTMENT IMAGE FETCHING ¥1234
     NO VOLUME LABEL OF DRIVE H
     VOLUME SERIAL NUMBER IS 80EA-369F
     H:¥ DIRECTORY FORBUSINESS DEPARTMENT IMAGE FETCHING ¥1234
  99/06/02  11:48   <DIR>
  99/06/02  11:48   <DIR>
  99/06/02  11:48   <DIR>  CATALOGUE FETCHING
  99/06/02  11:48   <DIR>  NOTICE-OF-VACATION FETCHING
  99/06/02  11:48   <DIR>  BUSINESS CONFERENCE
                           PROCEEDINGS FETCHING
  99/06/02  11:49   <DIR>  NEW PRODUCT CATALOGUE FETCHING
              SIX FILES         0 BYTE
                      SPACE AREA OF 701,034,496 BYTES
H:¥>
```

FIG. 15

41 SCREEN ID	42 SCREEN NAME	43 CREATOR	44 UTILIZATION USER
1	FOR BUSINESS DEPARTMENT IMAGE FET CHING	TAKAHASHI	TAKAHASHI, YOSHIDA, MIKI
2	FOR SCRAP STORAGE	YOSHIDA	YOSHIDA, HASHIMOTO
3	FOR DEVELOPMENT GROUP	MIKI	TAKAGI, KAMIYAMA
:	:	:	:

40'

FIG. 16

51 BUTTON ID	52 ALLOTMENT DESTINATION SCREEN ID	53 BUTTON NAME	54 CREATOR	55 PROCESSING CONTENTS	56 PROCESS PARAMETER	57 FETCH PARAMETER	59 UTILIZA-TION USER
1	1	CATALOGUE FETCHING	TAKAHASHI	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	TAKAHASHI
2	1	NOTICE-OF -VACATION FETCHING	YOSHIDA	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	YOSHIDA, MIKI
3	1	BUSINESS CONFERENCE PROCEEDINGS FETCHING	YOSHIDA	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	TAKAHASHI
4	2	NEW PRODUCT CATALOGUE FETCHING	MIKI	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	HASHIMOTO
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

50'

FIG. 17

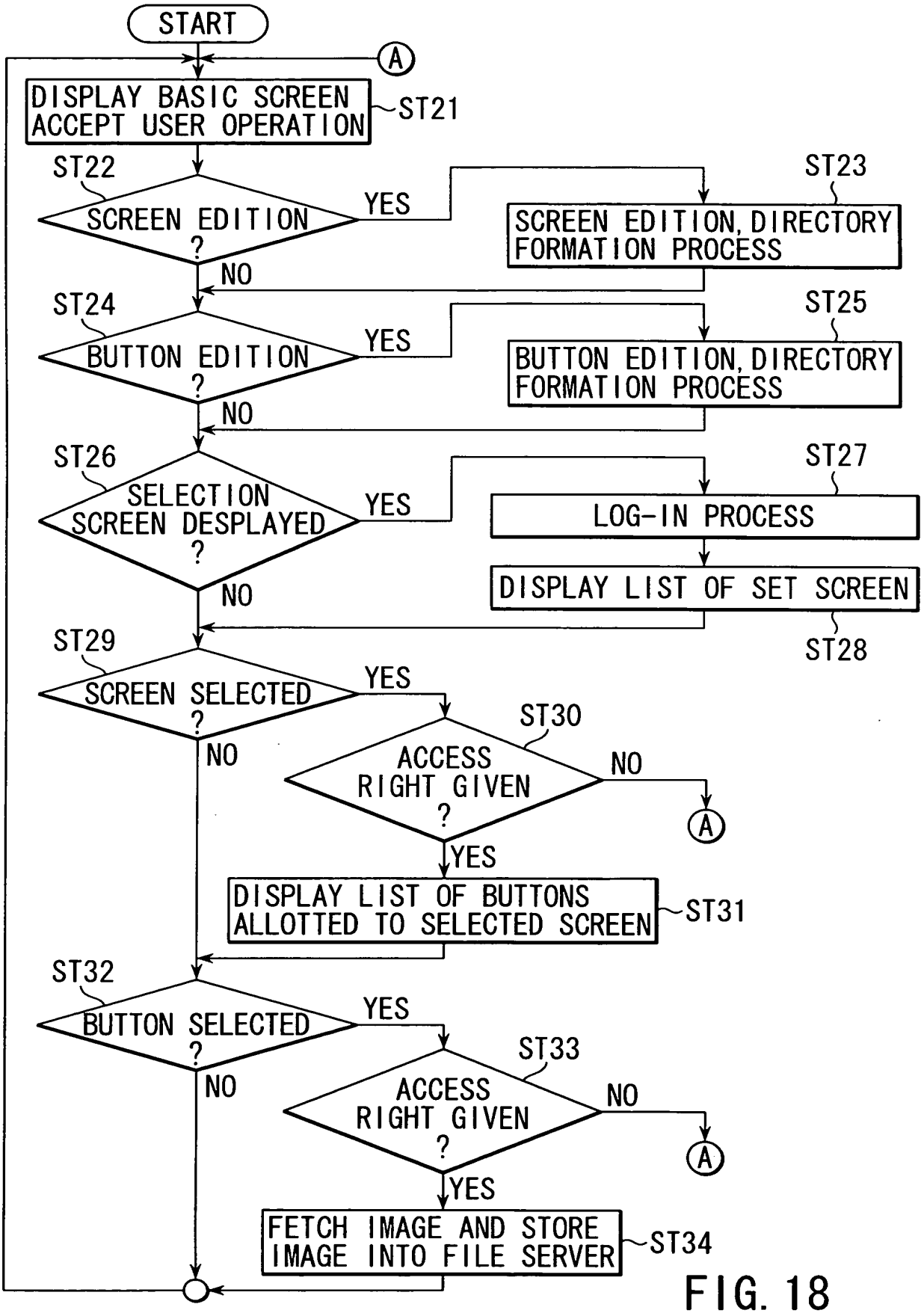
START
A
DISPLAY BASIC SCREEN ACCEPT USER OPERATION
ST21
ST22
SCREEN EDITION ?
YES
ST23
SCREEN EDITION, DIRECTORY FORMATION PROCESS
NO
ST24
BUTTON EDITION ?
YES
ST25
BUTTON EDITION, DIRECTORY FORMATION PROCESS
NO
ST26
SELECTION SCREEN DESPLAYED ?
YES
ST27
LOG-IN PROCESS
DISPLAY LIST OF SET SCREEN
ST28
NO
ST29
SCREEN SELECTED ?
YES
ST30
ACCESS RIGHT GIVEN ?
NO
A
YES
DISPLAY LIST OF BUTTONS ALLOTTED TO SELECTED SCREEN
ST31
NO
ST32
BUTTON SELECTED ?
YES
ST33
ACCESS RIGHT GIVEN ?
NO
A
YES
FETCH IMAGE AND STORE IMAGE INTO FILE SERVER
ST34

FIG. 18

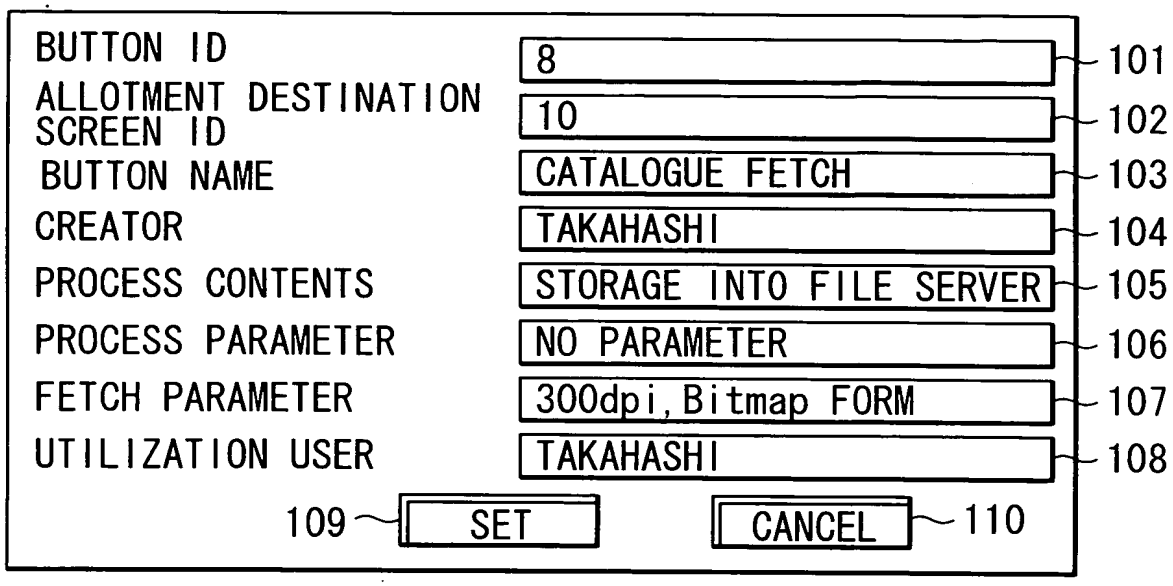
BUTTON ID
8
101
ALLOTMENT DESTINATION SCREEN ID
10
102
BUTTON NAME
CATALOGUE FETCH
103
CREATOR
TAKAHASHI
104
PROCESS CONTENTS
STORAGE INTO FILE SERVER
105
PROCESS PARAMETER
NO PARAMETER
106
FETCH PARAMETER
300dpi,Bitmap FORM
107
UTILIZATION USER
TAKAHASHI
108
109
SET
CANCEL
110

FIG. 19

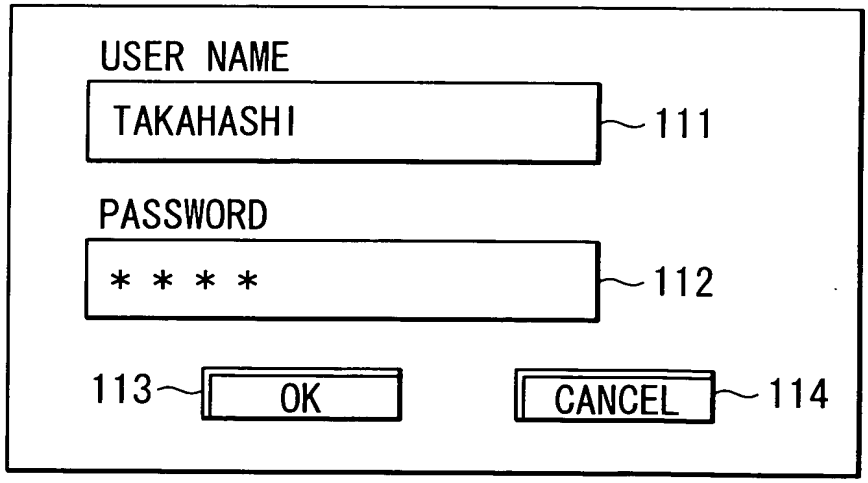
USER NAME
TAKAHASHI
111
PASSWORD
* * * *
112
113
OK
CANCEL
114

FIG. 20

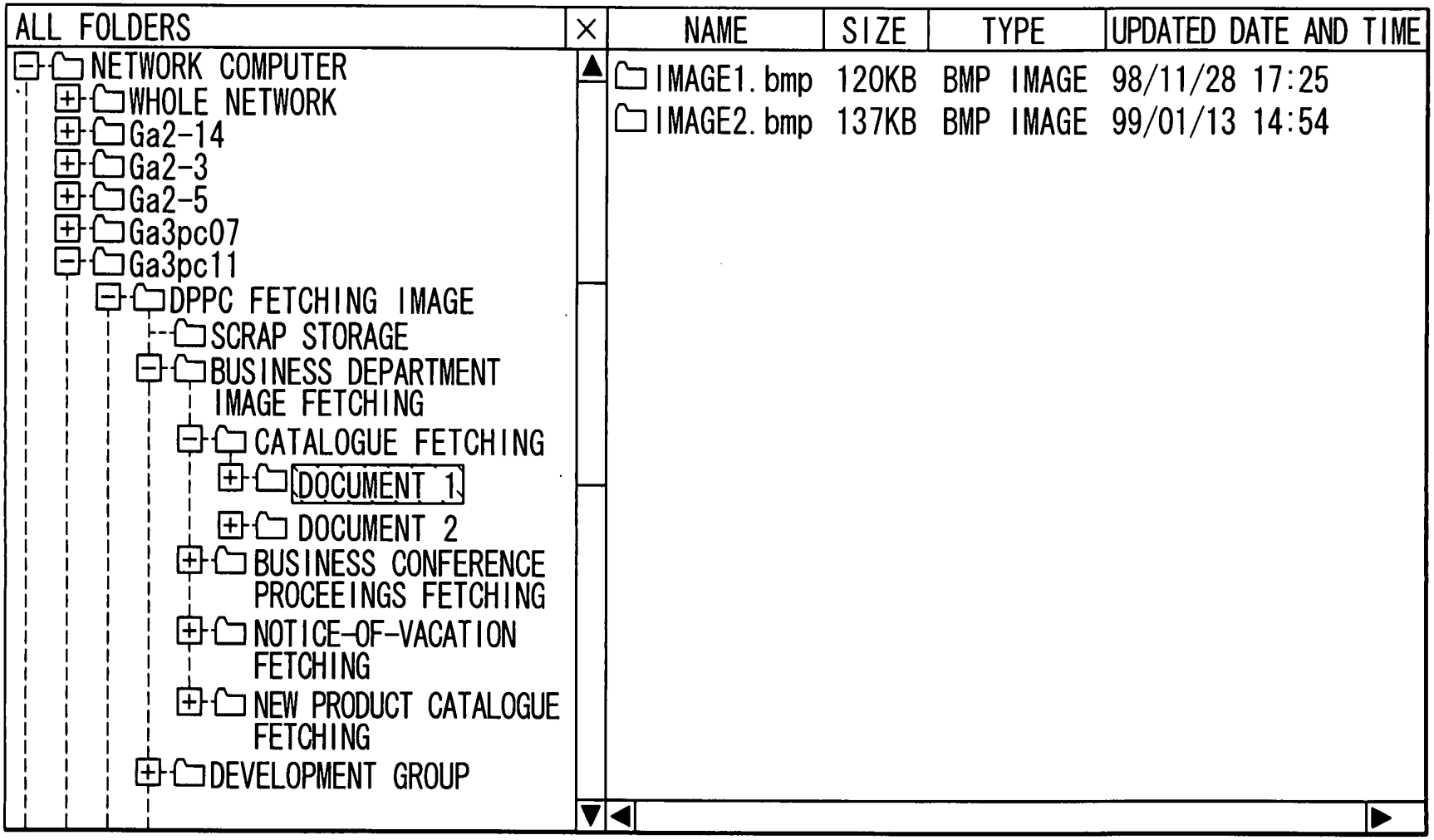
ALL FOLDERS
NETWORK COMPUTER
WHOLE NETWORK
Ga2-14
Ga2-3
Ga2-5
Ga3pc07
Ga3pc11
DPPC FETCHING IMAGE
SCRAP STORAGE
BUSINESS DEPARTMENT IMAGE FETCHING
CATALOGUE FETCHING
DOCUMENT 1
DOCUMENT 2
BUSINESS CONFERENCE PROCEEINGS FETCHING
NOTICE-OF-VACATION FETCHING
NEW PRODUCT CATALOGUE FETCHING
DEVELOPMENT GROUP
NAME
SIZE
TYPE
UPDATED DATE AND TIME
IMAGE1.bmp 120KB BMP IMAGE 98/11/28 17:25
IMAGE2.bmp 137KB BMP IMAGE 99/01/13 14:54

FIG. 21

```
H:¥>dir
    NO VOLUME LABEL OF DRIVE H
    VOLUME SERIAL NUMBER IS 80EA-369F
    H:DIRECTORY OF ¥
  99/06/02  11:47   <DIR>
  99/06/02  11:47   <DIR>
  99/06/02  12:49   <DIR>   SCRAP STORAGE
  99/06/02  12:50   <DIR>   BUSINESS DEPARTMENT IMAGE
                            FETLHING
  99/06/02  12:50   <DIR>   DEVELOPMENT GROUP
             FIVE FILES      0 BYTE
                    SPACE AREA OF 701,034,496 BYTES
H:¥>dir FOR BUSINESS DEPARTMENT IMAGE FETDHING
    NO VOLUME LABEL OF DRIVE H
    VOLUME SERIAL NUMBER IS 80EA-369F
    H:¥ BUSINESS DEPARTMENT IMAGE FETCHING DIRECTORY
 NO FILE IS FOUND

H:¥>
```

FIG. 22

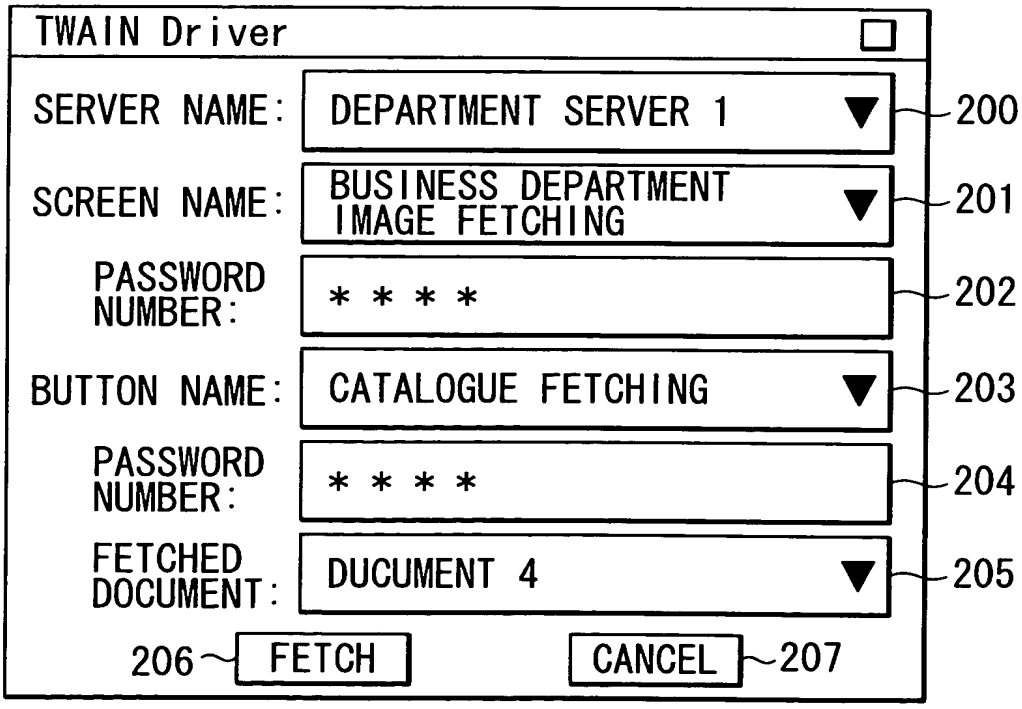

FIG. 23